



VIKING
RECYCLING



Welcome to the Viking Recycling Training Module

Thank you for taking the time to complete our training module. This presentation is designed to educate you about our mission and services, and how you can help reduce the flow of construction material to landfill.

As members of the A&D community, you have an incredible opportunity to take a *leadership role* and encourage more sustainable behaviours within the industry.

We hope you will join us by spreading the word about Viking Recycling and recommending our services to your clients.



Viking Recycling is the Canadian leader in keeping hard-to-recycle materials out of landfill.

Our mission is to find innovative solutions that allow for excess materials like carpet and ceiling tile to be recycled.

With your support, we are building a more sustainable future and improving quality of life within our communities.



@vikingrecycling

Part 1: Carpet

The Problem

Approximately 300 million kilograms of carpet waste is generated in Canada annually.



Industry estimates say as much as 99% of post-residential and 95% of post-commercial carpets go into landfills every year.

Carpet should be recycled.



Viking Recycling works to recycle a variety of excess construction materials, including carpet, ceiling tile, and floor matting. Carpet is our focus, here's why:

Carpet Microplastics:

Nowadays, most carpet is made from plastic fibers such as nylon, polypropylene, or polyester. In landfill, as carpet breaks down slowly, its microplastic fibers break away, finding their way into our waterways, soils, communities and wildlife. Microplastics pose a danger to our collective health and we must keep these materials out of our environment.



Greenhouse Gas Reduction Potential (GGRP):

It is estimated that only 3-4% of carpet is recycled. Furthermore, carpet has one of the highest GGRPs relative to all other recyclable materials. In other words, by recycling carpet, we can achieve significant reductions in the greenhouse gasses that affect our environment and our communities. For more details about this, please see the image on slide 7.



Carpet can be recycled!



The amount we recycle grows each year.

This is because we are connecting with more and more forward-thinking individuals, companies, and municipalities who are motivated to improve their sustainability performance by diverting material from landfill.

We are also continually fostering relationships with responsible manufacturers across North America that seek post-consumer materials.

Companies throughout the value chain are seeing the benefits of using recycled, post-consumer materials to create their products.

MATERIAL RECYCLED – VIKING RECYCLING



The Viking Recycling Difference



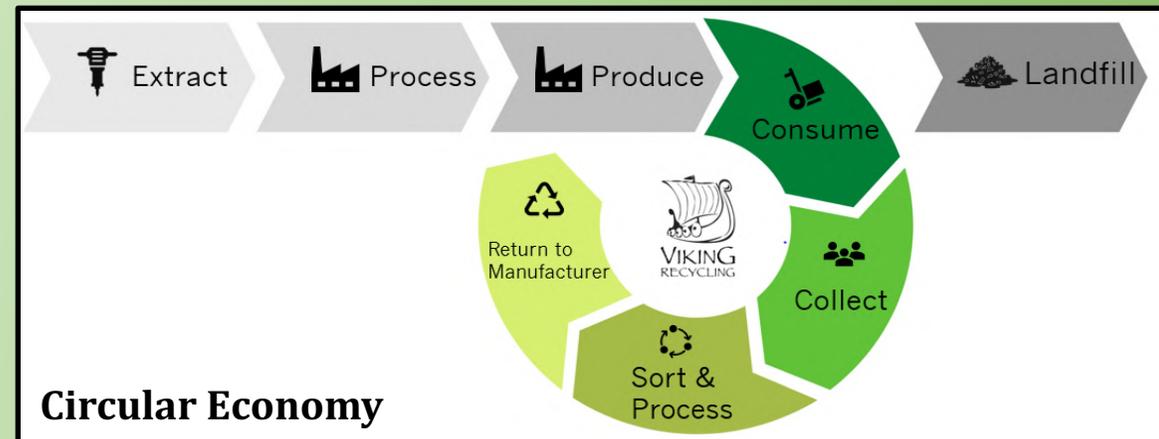
The Linear Model of Production:

In today's world, the products we consume typically follow a *Linear Production Model*, whereby they are produced, consumed, and sent to landfill. Simply put, this process is highly resource and energy intensive and has profound environmental implications.



Promoting a Circular Economy:

We break the linear model by collecting and processing material destined for landfill, and returning the raw materials to manufacturers to produce new products. This process greatly reduces greenhouse gas emissions and our burden on landfill, which helps to build cleaner, healthier communities across Canada.



Viking Excess (VXS)



Each year, customers are asking us to process an increasing amount of materials, including textiles. These materials are either challenging to recycle or non-recyclable due to the blend of materials. We started to ask how ourselves: *how can we divert these challenging materials?*

In response, we took an exciting step by launching our in-house product line, VXS. All VXS products are created from recycled materials and are as good as new.

One of our first projects was to help our customer, Air Canada, to divert their textile waste from landfill by securely upcycling a retired fleet of pilot uniforms, cargo straps, and other materials.

To learn more about this project, please check out the following video on our website.



<https://www.vikingrecycling.ca/case-studies>

Part 2: The Viking Recycling Website

Our Website

Our website: www.vikingrecycling.ca

Here you will find important information related to our services, specifications, company mission, contact details, and case studies.

Please take a moment to become acquainted with the most important and relative area of our website, our Spec Sheet: www.vikingrecycling.ca/spec-sheet-access.

Outlined here are details on how to properly prepare each type of material for collection and recycling. Following these procedures saves time, money, and ensures that materials are recycled effectively.



MATERIAL: CARPET - BROADLOOM

Stack Procedure(s)

- Cut Carpet into 4' width up to 20' in length
- Roll tightly for minimum 'doughnut hole'
- Tack tight with tape (to prevent unravelling)
- Stack rolls horizontally, log cabin style
- The MAX height should not exceed 5'
- Loaded skids must be shrink-wrapped securely for transportation

Bulk Procedure(s)

- Cut Carpet into 4' width up to 20' in length
- Roll tightly for minimum 'doughnut hole'
- Tack tight with tape (to prevent unravelling)
- Place in Bin and ensure that it is covered

Sample Image



- Quick Nav ●
- Carpet - Broadloom ○
- Carpet - Tile ○
- LVT ○
- Ceiling - Tile ○
- VCT ○
- Matting ○

Specs for Project Documents



The easiest and most reliable way to ensure your projects are managed sustainably is to list Carpet & Ceiling Tile Recycling in your Project Documents.

Viking Recycling can supply your team with clear Specifications and Instructions to include for your clients and sub-contractors. This minimizes confusion and prevents excuses.

Spec Sheet for A&D 

CARPET

EXISTING CARPET TO BE REMOVED TO BE RECYCLED

CONTRACTOR TO:

- REMOVE CARPET, MOVE TO LOADING DOCK AND PREPARE FOR SHIPMENT.
- STACK AND PALLETIZE TO SPECIFICATION (CHECK www.vikingrecycling.ca/spec-sheet-access).
- PALLETS TO BE STACKED NO MORE THAN APPROX. 4FT HIGH.
- SECURE CARPET TO PALLET WITH STRETCH WRAP. TIE WRAP TO SKID AND WORK WAY UP.
- CARPET MUST BE DRY AND FREE OF CONTAMINATION.

VIKING RECYCLING TO:

- PROVIDE QUOTE TO CONTRACTOR FOR PROCESSING AND TRANSPORTATION.
- ARRANGE PICK UP OR DELIVERY TIME FOR MATERIALS.
- PICK UP TO BE REQUESTED AND ARRANGED AT LEAST 72 HOURS IN ADVANCE.
- LOAD AND SHIP REMOVED CARPET FROM LOADING DOCK TO FACILITY FOR RECYCLING.
- PROVIDE CERTIFICATION TO CONTRACTOR UPON PAYMENT.

CONTRACTOR TO CONTACT VIKING RECYCLING FOR QUOTE AND COORDINATION:
(416) 452-7873 OR hello@vikingrecycling.ca

NOTE: CONTRACTOR TO PROVIDE DESIGNER WITH CERTIFICATE FROM VIKING RECYCLING UPON DEMO COMPLETION.

Spec Sheet for A&D 

CEILING TILE

EXISTING CEILING TILE TO BE REMOVED TO BE RECYCLED

CONTRACTOR TO:

- PROVIDE HAZARDOUS MATERIALS REPORT AND CEILING TILE TYPE TO VIKING RECYCLING PRIOR TO MATERIAL ACCEPTANCE.
- REMOVE CEILING TILE, MOVE TO LOADING DOCK AND PREPARE FOR SHIPMENT.
- STACK AND PALLETIZE TO SPECIFICATION (CHECK www.vikingrecycling.ca/spec-sheet-access).
- PALLETS TO BE STACKED NO MORE THAN APPROX. 6FT HIGH.
- SECURE CEILING TILE TO PALLET WITH STRETCH WRAP. TIE WRAP TO SKID AND WORK WAY UP.
- CEILING TILE MUST BE DRY AND FREE OF CONTAMINATION.

VIKING RECYCLING TO:

- PROVIDE QUOTE TO CONTRACTOR FOR PROCESSING AND TRANSPORTATION.
- ARRANGE PICK UP OR DELIVERY TIME FOR MATERIALS.
- PICK UP TO BE REQUESTED AND ARRANGED AT LEAST 72 HOURS IN ADVANCE.
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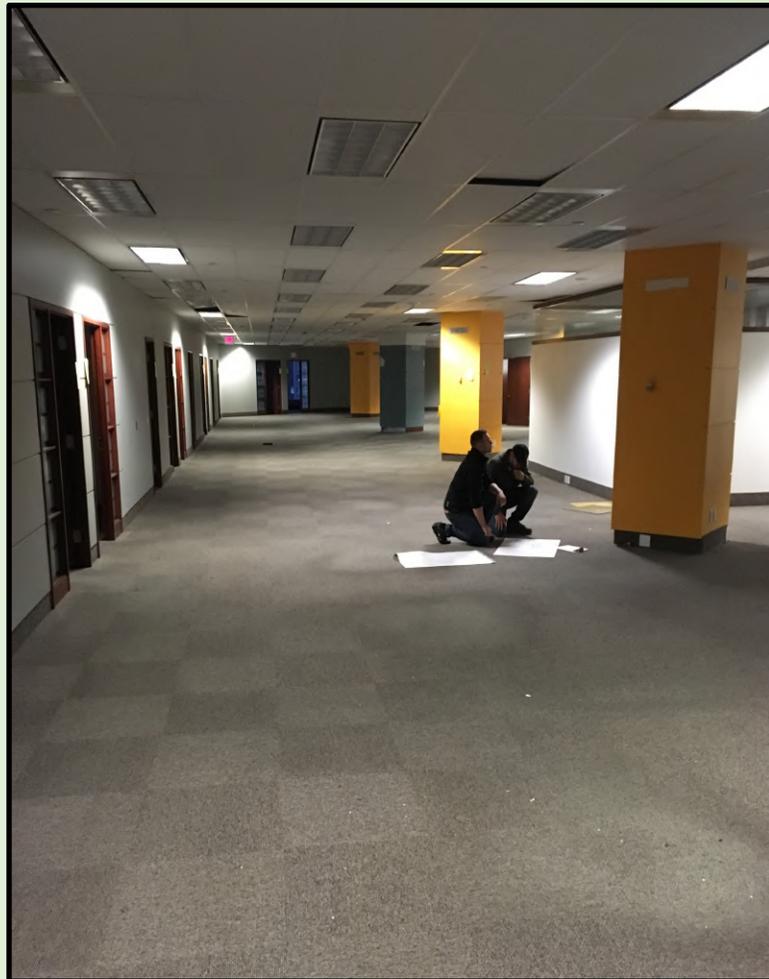
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Website: Viking Recycling Services



Please also take a moment to become acquainted with our full suite of services. Beyond recycling, we can assist you and your clients in a variety of ways, including *certified waste auditing, carpet rental, and pick-up/removal services.*



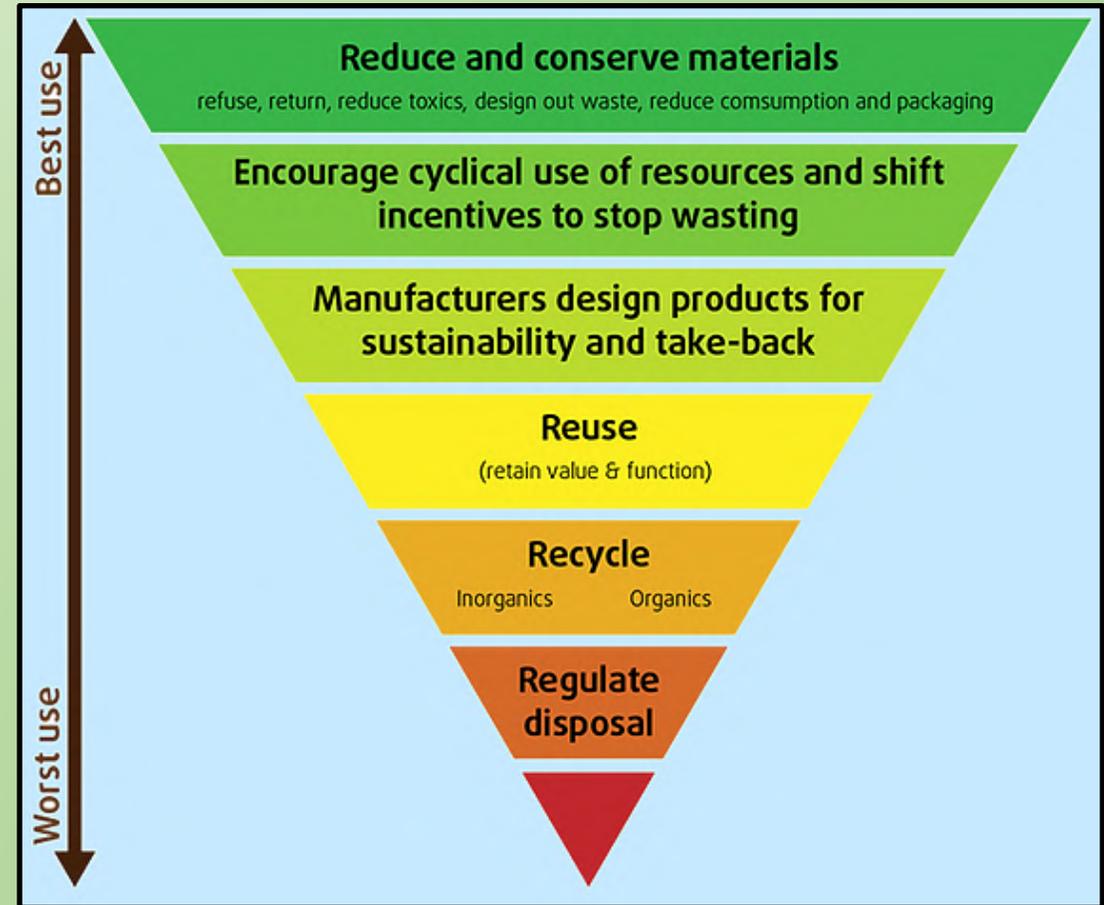
Part 3: Why Choose Viking Recycling?

Why Choose Viking?



We strongly believe in and follow the *Hierarchy of Sustainability*. It follows a set of protocols that determine how waste materials are treated based on where they fall within the 'Waste Value Chain'.

Viking Recycling works to re-use carpet when possible, followed by polymer to polymer recycling options. We always process to 'Highest and Best Use', and we have *never* sent carpet or other recyclable materials to our landfills.



Case Studies & Past Successes



“We have used Viking Recycling for over 2 years to divert large amounts, over 600,000 sq. ft of carpet tiles, and have found them to be quite accommodating and a pleasure to work with. This project had many moving parts and scheduling challenges, and the team at Viking worked with us to ensure we met our client expectations and removal schedules. We continue to work with Viking Recycling and are happy to recommend them to others”

- Robert Stanton, Executive Vice-President
NATTIQ Inc.



“As a global airline, Air Canada has a responsibility to leave less of an environmental impact on our planet and to do more in our communities. Working with Viking Recycling to repurpose our old pilot uniforms let us do just that while ensuring our branded items were securely handled. The textiles were diverted from landfill and used to create a positive impact on the Toronto community.”

- Air Canada



Viking Recycling Cares



Viking Recycling is proud to be a leader and pioneer in the recycling industry. We are active participants in relevant municipal, provincial, and federal organizations, including the Recycling Council of Ontario and Project Green.

Our efforts are recognized through our hundreds of returning customers, while relevant organizations across the country seek our input on best practices.



Certificates



To enhance traceability and transparency, our clients receive an exclusive Certificate for each project completed with Viking Recycling. Each Certificate is uniquely identifiable by the QR code provided.

A Certificate from Viking Recycling ensures you know the final destination of your materials and that they were successfully diverted from landfill. These are required documents when verifying sustainability claims for environmental programs.

Clients maintain our Certificates on file or display. They are proof of their efforts and commitment to the environment.



Summary



How can you help to make an impact and build more sustainable behaviours within our industry?

1. Remind everyone that carpet is recyclable!
2. Ensure your clients include carpet and ceiling tile recycling specifications on project documents.
3. Execute due diligence and verify Certificates. This ensures the teams you are working with are *actually* recycling project materials.
4. Encourage your clients to display these Certificates proudly, as they demonstrate their commitment to a more sustainable future.
5. Encourage your clients to procure recyclable carpet types and work with manufacturers who have verified recycling programs.



Contact Us



To learn more about Viking Recycling, please visit our website or contact us directly. We will be glad to speak with you about an existing project, or discuss sustainable ways to support you and your clients.

Address: *500 Keele St #408, Toronto*

Website: www.vikingrecycling.ca

General inquiries: hello@vikingrecycling.ca or 416-452-7873

For specific inquiries, please contact Kelly McCaig: kelly@vikingrecycling.ca or 416-452-7873

To stay up to date with Viking Recycling related news, please follow us on Instagram:

 @vikingrecycling

We appreciate the time you have taken to learn more about Viking Recycling. As a symbol of our appreciation, we have made an initial donation of \$1,000 to Food Banks Canada.

In addition, we will make further donations on behalf of everyone that completes this module.

To confirm that you have completed this module and to have your name added to our donation list, please e-mail Kelly McCaig [kelly@vikingrecycling.ca]. Please include your name and the design firm that you work with.

Stay healthy and stay safe.



Thank You

